



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 13] नई दिल्ली, शनिवार, मार्च 26, 1983 (चैत्र 5, 1905)
No.13] NEW DELHI, SATURDAY, MARCH 26, 1983 (CHAITRA 5, 1905)

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(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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517 GI/82

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APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA JADAGISH BOSE ROAD,
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The dates shown in crecent brackets are the dates claimed under section 135, of the Act.

17th February 1983

191/Cal/83. McDermott Incorporated. Under water pipeline sealing apparatus.

192/Cal/83. Adess Singh. Low temperature high efficiency distillation process.

193/Cal/83. Korting Hannover AG. Burner for pulverized, gaseous and/or liquid fuels.

194/Cal/83. Mitsui Toatsu Chemicals Inc. Process for preparing of 3, 3'-diamino diphenylsulfones.

195/Cal/83. Emhart Industries, Inc. Shear frame mounting and positioning mechanism.

196/Cal/83. Magyar Aluminiumpari Troszt. Process for the reduction of the sodium hydroxide losses of the bayer-type alumina production.

197/Cal/83. Allied Steel & Tractor Products, Inc. Synchronous vibratory impact hammer.

198/Cal/83. Kabushiki Kaisha Meidensha. Process for bonding stuff of copper or copper-chromium alloy to ceramic, and bonded articles of ceramics and stuff of copper or copper chromium alloy.

19th February, 1983

199/Cal/83. NPSP "NOVOTEX". Method and apparatus for manufacturing yarn with a core.

200/Cal/83. Wheatley Chemical Company Limited. Plant growth regulators. (20th February, 1982).

201/Cal/83. Westinghouse Electric Corporation. Laser treatment of thyristor to provide over voltage self-protection.

202/Cal/83. Tata Engineering and Locomotive Co. Ltd. Coupling device.

21st February, 1983

203/Cal/83. McDermott Incorporated. Apparatus for removing material such as concrete from underwater pipelines.

204/Cal/83. The Babcock & Wilcox Company. Adaptive process control using function blocks.

205/Cal/83. Gopal Shivprasad Thaker. Kar-I-ok.

206/Cal/83. Hoechst Aktiengesellschaft. A process for the continuous dyeing of fabric webs.

207/Cal/83. Vickers, Incorporated. Power transmission.

208/Cal/83. Empresa Nacional Hulleras Del Norte, S.A. Method for the fabrication of cement clinker.

209/Cal/83. Union Carbide Corporation. Improved process for the production of alkoxyhydrosilanes.

210/Cal/83. Union Carbide Corporation. Improved process for the preparation of oximatohydrosilanes and aminoxyhydrosilanes.

22nd February, 1983

211/Cal/83. Energy Conversion Device, Inc. Improved back reflector system and devices utilizing same.

212/Cal/83. Siemens Aktiengesellschaft. Arrangement for detachably connecting a wire to a circuit board conductor.

213/Cal/83. Westinghouse Electric Corporation. Transit vehicle signal apparatus and method.

214/Cal/83. Richard Wilke. Bail Screwthreading drive.

215/Cal/83. Raychem Corporation. Flame colouring device.

216/Cal/83. Zyme SA. Novel crystal modifications, process for their production, and pharmaceutical preparations containing them. (24th February, 1982).

217/Cal/83. Snamprogetti S.P.A. A method for preparing a synthetic material composed of crystalline silica modified by boron. [Divisional date 22nd June, 1979]

23rd February, 1983

218/Cal/83. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Suction duct for textile machines.

219/Cal/83. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method and apparatus for stopping and starting again an open-end spinning machine with a plurality of spinning device.

220/Cal/83. University of Leeds Industrial Services Limited. Water soluble glass articles, their manufacture, and their use in the treatment of ruminant animals. (23rd Feb. 1982).

221/Cal/83. Hitachi, Ltd. Rotary type pumping machine.

222/Cal/83. NL Industries, Inc. Low fluid loss heavy brines containing hydroxyethyl cellulose.

223/Cal/83. Dentsply International, Inc. A process for producing shaped article and dental appliance comprising said shaped article. [Divisional date 29th January, 1980].

ALTERATION OF DATE

151299

439/Del/79. Anti-dated 5th August, 1977.

151314

674/Cal/81. Anti-dated 2nd Nov., 1977.

151315

675/Cal/81. Anti-dated 2nd Nov., 1977.

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CLASS-40F & 132C.

151286.

Int. C. B 65 g 53/16.

FLUIDIZED BED APPARATUS.

Applicant : WERNER GLATT, OF 7851 BINZEN KREIS LORRACH, WEST GERMANY.

Inventors : (1) WERNER GLATT AND (2) KURI BAUER.

Application No. 941/Cal/78 filed August 25, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

9 Claims.

A fluidized bed apparatus, comprising a tapered fluidized bed vessel in which a substantially horizontal rotor disc is arranged above a perforated bottom for rotary movement

about an at least approximately vertical axis, characterized in that the height of the rotor disc within, the vessel is adjustable.

(Compl. Specn. 10 Pages. Drg. 2 Sheets.)

CLASS-48C, 140B₁ & 140A₂.

151287.

Int. Cl. C 10 m 1/04.

A METHOD FOR OBTAINING BLEND OF OILS AND A LIQUID BLEND SO OBTAINED.

Applicants : RTE CORPORATION, OF 1900 EAST NORTH STREET, WAUKESHA, WISCONSIN 53186, U.S.A.

Inventor : JOHN H. OLMSTED.

Application No. 270/Cal/79 filed March 19, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

6 Claims.

A method for obtaining blend of oils having improved properties as herein described and having a substantially equal molecular weight density in the molecular weight range of 500 to 700, a fire point above 200°C and a pour point near C which comprises selectively blending at least one natural hydrocarbon oil with at least one synthetic hydrocarbon oil which method comprises the following steps—(a) predetermining the quantity of the blend required having predetermined molecular weight limits, (b) establishing Gauss distribution curve for the said molecular weight assuming standard deviation as a pseudorectangular molecular weight distribution curve for the said predetermined blend having the desired molecular weight limits, (c) establishing by known methods such as chromatographic technique, the respective molecular weight distribution curves for the same quantity of each of the several individual oils to be blended later on, (d) selecting a first curve from any one of the molecular weight distribution curves of the individual oils which said first curve when superimposed on the said predetermined pseudo-rectangular molecular weight distribution curve fills a portion thereof and is indicative of the quantity of the said oil to be blended, (e) thereafter selecting one or more curves from the other remaining molecular weight distribution curves of the other remaining individual oils which one or more other selected curves and the said first curve when combined together and superimposed on the said predetermined pseudo-rectangular molecular weight distribution curve will fill the said complete pseudo-rectangular curve, and is indicative of the quantity/quantities of one or more of said selected individual oils to be blended, (f) thereafter normalizing by methods herein described the quantities of the oils represented by the selected distribution curves to the predetermined quantity represented by the pseudo-rectangular curve, including the step of shortening by methods herein described the high or low molecular weight ends of the distribution curve for the blended oils to substantially conform the curve of the blended oils to the curve of the pseudo-rectangular distribution curve, (g) taking the said respective quantities of the selected respective individual oils obtained from the said selected respective curves and then, (h) blending said selected respective quantities of the selected individual oils to produce the desired blend.

(Compl. Specn. 18 Pages. Drg. 1 Sheet.)

CLASS-152C.

151288.

Int. Cl. C 08 f 47/00.

PROCESS FOR THE PREPARATION OF SHAPED ARTICLES SUCH AS SHEATHS FOR ELECTRIC CABLES AND LINES AND PIPE LINES FOR CONVEYANCE OF LIQUIDS OR GASES, OR SIMILAR ELONGATE MATERIAL.

Applicants : KABEL-UND METALLWERKE GUTEHOFENUNGSCHUTTE AKTIENGESELLSCHAFT, OF KABEL-KAMP 20, 3000 HANNOVER, 1, GERMANY.

Inventors : (1) DR. HERMANN UWE VOIGT, AND (2) FRANZ DANFKAS.

Application No. 343/Cal/79 filed April 6, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

6 Claims. No. drawing.

A process for the preparation of shaped articles such as sheaths for electric cables and lines, pipelines for conveyance of liquids or gases, or similar other elongate material from one or more polymers and a compatible filler material, filler materials being known filler materials and in finely particulate form, and with low water absorption, said polymer being such as is able to be crosslinked by the action of moisture following the grafting-on of one or more known silane compounds on to their base molecules, characterised in that the said polymers, which comprise polyethylene or comonomer modified polyethylene, comonomer-modified polyethylenes being those having extruding characteristics generally comparable with those of said polyethylenes, and known per se such as herein defined, are pre-mixed in a dry condition with said filler material, the premix being homogenised and granulated; the one or more silane compounds such as hereinafter described are thereafter caused to diffuse, under moisture free conditions at a temperature of 18 to 50°C, in the granulated filler-containing polymer material; the resulting silane-containing granules are blended with a polymer master-batch containing one or more known antioxidants and, if desired, a known cross-linking catalyst; the resulting blended granulated material is then subjected to extrusion step during which step grafting take place due to rise in temperature, and also final shaping being effected in the same step in a known manner.

(Compl. Specn. 9 Pages. Drg. Nil.)

CLASS-4A₁.

151289.

Int. Cl. B 64 C 31/06.

CONTROLLABLE KITE.

Applicants : LYNN MITCHELL DAVIS AND JAMES VINCENT, JR. OF 1354 N.W. 4TH STREET BOCA RATON, FL 33432, U.S.A. AND 5151 WASHINGTON ROAD DEL RAY BEACH, FL33445, U.S.A.

Inventors : (1) LYNN MITCHELL DAVIS AND (2) JAMES VINCENT JR.

Application No. 518/Cal/79 filed May 18, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

9 Claims.

A controllable kite; a control cord for controlling the kite from a location below; attachment means on said kite having an attachment location for connecting one end of said control cord thereto, said control cord being attached to said location; control means for moving the attachment means to which said control cord is attached to at least two different positions along a substantially lateral line permitting a change in attitude of the kite, means also connecting said control cord to said control means for maintaining the attachment means in one position or actuating the control means to move the attachment means to another position; said control means having a housing rigidly fixed to said kite, said housing having a member movable between different positions; said movable member being connected to said attachment means for moving it; said movable member being a shaft mounted for axial movement and stepped actuate movement; biasing means for moving said movable member in one axial direction; said movable member being pulled in the other axial direction by said control cord; cam means mounted on said housing and said movable member to provide for stepped, actuate movement of said movable member as it is moved axially for repositioning said attachment means.

(Compl. Specn. 16 Pages. Drg. 4 Sheets.)

CLASS-35D & 131B_s.

151290.

Int. Cl. B 28 C 5/00, C 04 b 11/00.

RAPID-SETTING DRY PACKING MIX FOR ELIMINATING BORE HOLE TROUBLES AND METHOD OF MANUFACTURE THEREOF.

Applicants : (1) TERRITORIALNOE GEOLOGICHESKOE UPRAVLENIE TSENTRALNYKH RAIONOV, OF 2 ROSCHINSKAYA ULITSA, 10, MOSCOW, USSR; AND (2) SEVERO-ZAPADNOE TERRITORIALNOE GEOLOGICHESKOE UPRAVLENIE, OF LENINGRAD, ULITSA GERTSENA, 59, USSR.

Inventors : (1) VIKTOR FILIPPOVICH ROGOV, (2) NIKOLAI KONSTANTINOVICH LIPATOV, (3) RUBEN ARMENOVICH TATEVOSYAN, (4) MIKHAIL YAKOVLEVICH TITOV, (5) LEV ALEXANDRAVICH TERESCHENKO, AND (6) ARIAN MIKHAILOVICH YAKOVLEV.

Application No. 755/Cal/79 filed July 23, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims. No drawing.

A rapid-setting dry packing mix for eliminating bore hole trouble prepared on the basis of a powder gypsum-cement binder comprising; from 40 to 50 by weight of powder cement; from 50 to 60% by weight of powder binder selected from the group consisting of gypsum and alabaster; and from 0.01 to 3.0% by weight of powder barium hexaferrite having a particle size commensurate with the particles of the binder.

(Compl. Specn. 15 Pages. Drg. Nil).

CLASS-102D.

151291.

Int. Cl. F 15 C 15/00.

HYDRAULIC SYSTEM FOR ACTUATING GAS-CHANGE VALVES.

Applicants : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESSELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) DIPL. ING. HANSJURGEN ZURNER, AND (2) DIPL. ING. WOLFGANG FUHRMANN.

Application No. 968/Cal/79 filed September, 15, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims.

A hydraulic system for actuating gas-change valves in internal combustion engines or compressors where the output piston associated with each gas-change valve is capable of being moved against the force of a closing spring through a control circuit filled with control fluid by an input piston operable by a cam, means for venting the control fluid being provided at the highest point of the hydraulic system and the input cylinder communicating with a system for refilling with control fluid, characterized in that the means for venting the control fluid are formed as permanent venting means (21, 22), and in that a variable area restrictor (24) determining the amount of control fluid in the hydraulic system during operation is provided located in a discharge circuit (25), and in that the cam (2) actuating the output piston (8) is formed with a pre-ramp (5) and a post-ramp (6).

(Compl. Specn. 10 Pages. Drg. 1 Sheet.)

CLASS-31C.

151292.

Int. Cl. 01 1 11/00.

TRANSISTORS.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : (1) PHILIP LELAND HOWER AND (2) DERRICK JOHN PAGE.

Application No. 1118/Cal/79 filed October 26, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims.

A transistor comprising : an emitter region, a collector, a base, an emitter electrode, and an emitter metallization comprising a plurality of non-abutting metallized regions affixed to said emitter region, said emitter metallization forming an electrical connection between said emitter region and said emitter electrode with the number and area of said metallized regions are selected such that said transistor has a desired effective emitter resistance and that each of said regions has an area which is less than "hot areas" induced as a result of thermal instability in said transistor.

(Compl. Specn. 13 Pages. Drg. 6 Sheets.)

CLASS-150G.

151293.

Int. Cl. F 16 I 5/00, 47/00, 55/00.

SYSTEM FOR CONNECTION OF RELATIVELY ROTATING COAXIAL PIPELINES.

Applicants : (1) VSESOJUZNY NAUCHNO-ISLEDOVATELSKY I PROEKTNY INSTITUTE PO OCHISTKE TEKHNOLOGICHESKIKH GAZOV STOCHNYKH VOD I ISPOLZOVANIJU VTORICHNYKH ENERGORESURSOV PREDPRIYATY CHERNOI METALLURGII "VNIPICHERMETENERGOOCHISTKA", OF KHARKOV, PROSPEKT LENINA, 9, USSR.

Inventors : (1) LEV DMITRIEVICH GRITSUJ, (2) OLEG NIKOLAEVICH KABANOV, (3) IVAN STEPANOVICH KOLENBETOV, (4) DORINA BORISOVNA KUTSYKOVICKY, (5) LEONID ABRAMOVICH STRELTSOV, (6) ALEXEI IVANOVICH TOLOCHKO, (7) VLADIMIR PAVLOVICH KHOLOPOV, (8) JURY IVANOVICH TSELUIKO, (9) EDUARD EFIMOVICH TSYPKIN, (10) NIKOLAI GARVILOVICH SCHEKIN.

Application No. 1335/Cal/79 filed December 21, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

11 Claims.

A system for connection of relatively rotating coaxial pipelines, the end of one of which receives the end of the other, comprising a seal packing arranged in an annular clearance formed by the end surfaces of external and internal pipelines, a device for tightening of said seal packing characterized by that pressure rings with said seal packing are arranged therebetween, the pressure ring located before the seal packing on the side of the end of the internal pipeline being able to displace axially in the annular clearance relative to the pipeline, a thrust ring to take up the axial stress created by the pressure of the medium being transferred through the pipelines, fitted on the end of the internal pipeline so as to be able to displace axially in the annular clearance and act on the pressure ring located before the seal packing on the side of the end of the internal pipeline.

(Compl. Specn. 21 Pages. Drg. 2 Sheets.)

CLASS-32F₃C.

151294.

Int. Cl. C 07 C 87/10.

PROCESS FOR THE MANUFACTURE OF METHYLAMINES.

Applicants : UCB, S.A. OF 4 CHAUSSEE DE CHARLEROI, SAINT-GILLES-LEZ-BRUXELLES (BELGIUM).

Inventors : (1) MR. JEAN RAMIOULLE, (2) MR. GUY SCHMITZ AND (3) MR. POL LAMBERT.

Application No. 319/Cal/80 filed March 20, 1980.

Convention date 23rd March, 1979 (10300/79) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims. No drawing.

A process for the manufacture of methylamines, which comprises passing in the vapour phase a mixture of methanol and ammonia at a temperature in the range of from 200 to 500°C and at a pressure of from atmospheric pressure to about 100 bars over a catalyst comprising an acid activated montmorillonite, the molar ratio of methanol to ammonia being between 0.3 : 1 and 1 : 1.

(Compl. Specn. 11 Pages. Drg. Nil.)

CLASS-33A & 130F.

151295.

Int. Cl. B 22 d 41/10.

IMPROVEMENTS IN OR RELATING TO TURNING SLIDE GATE OR CLOSING DEVICE FOR METALLURGICAL VESSELS.

Applicants : STOPINC AKTIENGESellschaft, OF ZUGERSTRASSE 76a, CH-6340 BAAR, SWITZERLAND.
Inventor : ERNST MEIER.

Application No. 547/Cal/80 filed May 8, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

16 Claims.

A turning slide gate or closing device for metallurgical vessels, particularly steel ladles, comprising a fixed part containing a fireproof baseplate and a second part, that can be turned relative to the fixed part, the second or turning part having a ring mount supported against the fixed part and a fireproof sliding plate bearing against the baseplate in a resilient manner, characterised in that the turnable part is in the form of a casing with a rigid lid fixed on the ring mount in a detachable manner and contains in its interior a pressure plate holding the sliding plate, the pressure plate being in direct rotary engagement with the ring mount and is supported against the casing through spring means.

(Compl. Specn. 16 Pages. Drg. 6 Sheets.)

CLASS-39L.

151296.

Int. Cl. C 01 f 1/00.

PROCESS OF PRODUCING QUICKLIME BY CALCINING IN A ROTARY KILN.

Applicants : METALLGESELLSCHAFT A.G., OF 16, FRANKFURT A.M. REUTERWEG, WEST GERMANY.

Inventors : (1) WOLFRAM SCHNABEL, (2) GERHARD REUTER, AND (3) HERBERT LAUSCH.

Application No. 877/Cal/80 filed July 31, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

7 Claims. No drawing.

A process of producing quicklime by a calcining treatment with hot gases in a rotary kiln, wherein solid carbonaceous fuel for producing hot gases is fed into the charging end of the rotary kiln and oxygen-containing gases are blown through nozzle blocks into the charge disposed over nozzle blocks in the heating-up zone beginning at the point where ignitable particles of the solid fuel first appear, characterized in that (a) low-oxygen gases are blown through nozzle blocks into the charge disposed over nozzle blocks in that region of the heating-up zone which begins with the appearance of ignitable particles of the solid fuels and which ends where the temperature in the charge does not rise further; (b) oxygen-containing gases are blown through nozzle blocks into the charge disposed over nozzle blocks in the succeeding calcining zone and at such rates that the temperature in the charge is held constant and as long as the temperature remains constant, (c) oxygen-containing gases are blown into the free kiln space where the kiln atmosphere contains combustible gaseous constituents, and (d) the rates at which oxygen-containing gases are blown into the free kiln space

are so controlled that the exhaust gas is virtually free from combustible gaseous constituents.

(Compl. Specn. 21 Pages. Drg. Nil.)

CLASS-32F₁(a), (b) & 55E₄.

151297.

Int. Cl. C 07 C 69/00.

PROCESS FOR THE PREPARATION OF CYCLOHEXANE CARBOXYLIC ACID DERIVATIVES.

Applicants : NIPPON CHEMIPHAR CO., LTD., OF NO. 2-3, IWAMOTOCHO 2-CHOME, CHIYODA-KU, TOKYO, JAPAN AND TEIKOKU CHEMICAL INDUSTRY CO., LTD., OF NO. 1-18, KITA-HORIE 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA-FU, JAPAN.

Inventors : (1) MUTSUMI MURAMATSU, (2) TOSHIO SATOH, (3) YUKIO YANAGIMOTO, (4) TADAMI SHINUCHI, (5) TOSHIO NAKAJIMA (6) ISAO NAKAJIMA.

Application No. 1071/Cal/80 filed September 20, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

2 Claims.

A process for producing a compound of the formula shown in Fig. 1

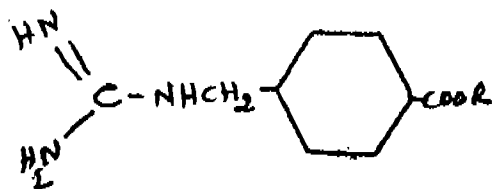


Fig. 1

wherein R₁ represents a variyl, naphthyl, pyridyl or -tocopheryl group, or a group of the formula shown in Fig. 2

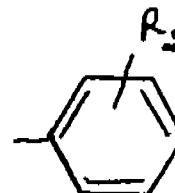
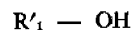


Fig. 2

Where R₂ represents a hydrogen atom, or a lower alkoxy, formyl, lower alkanoyl or phenyl group, or a group of the formula (CH₂)_nCOOR₃, where R₃ represents a hydrogen atom, or a lower alkyl, phenyl, benzyl, anisyl or lower alkoxy carbonylmethyl group, and n represents an integer of 0 to 2, which process comprises reacting 4-guanidinomethylcyclohexane carboxylic acid or a reactive derivative thereof with a compound of the formula



wherein R'₁ represents a variyl, naphthyl, pyridyl or -tocopheryl group, or a group of the formula shown in Fig. 5

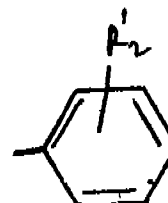


Fig. 5

where R'₂ represents a hydrogen atom, or a lower alkoxy, formyl lower alkanoyl or phenyl group, or a group of the

formula $-(CH_2)_n COOR^a$, where R^a represents a lower alkyl, phenyl, benzyl, anisyl, lower alkoxy carbonylmethyl or t-butyl group, and n represents an integer of 0 to 2, under stirring at a temperature of room temperature to the boiling point of the solvent for 1 to 40 hours, and if necessary, then replacing the benzyl, anisyl, lower alkoxy carbonyl, methyl or t-butyl group in R^a with a hydrogen atom; and optionally treating with a pharmaceutically acceptable acid to form the corresponding salt thereof.

(Compl. Specn. 71 Pages. Drg. 1 Sheet.)

CLASS-131B₃.

151298.

Int. Cl. E 21 b 29/00.

CUTTING MACHINE WITH WALK-ON PLATFORM.

Applicants : VOEST-ALPINE AKTIENGESellschaft, OF A-1011 VIENNA, FRIEDRICHSTRASSE 4, AUSTRIA.

Inventors : (1) ARNULF KISSICH AND (2) FLORIAN SUSSENBACHER.

Application No. 369/Cal/78 filed April 5, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

6 Claims.

A cutting machine comprising a cutter arm which is universally pivotally movable and carries at its free end a cutting tool, characterized in that at least part of the cutter arm is covered by a walk-on platform.

(Compl. Specn. 7 Pages. Drg. 2 Sheets.)

CLASS-32F₁.

151299.

Int. Cl. C 07 d 101/00.

PROCESS FOR THE PREPARATION OF N-(2-CHLOROETHYL)-NUCLEOAZASTEROIDS SUCH AS 4, 17a-DI(2-CHLOROETHYL)-4, 17a-DIAZA-D-HOMO-5-ANDROSTANE.

Applicants & Inventors : (1) HARKISHAN SINGH, (2) DHARAM PAUL AND (3) VIJAY KUMAR.

Application No. 439/Del/79 filed June 15, 1979.

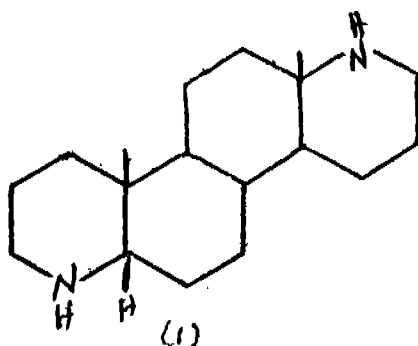
Divided out of application No. 209/Del/77 filed 5th Aug, 1977.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Delhi Branch.

1 Claim.

A process for the production of N-(2-chloroethyl)-nucleoazasteroids such as 4, 17a-di(2-chloroethyl)-4, 17a-diaza-D-homo-5-androstane of formula (4).

which comprises (A) reacting 4, 17a-diaza-D-homo-5 α -androstane of formula (1)



with ethylene chlorohydrin in the presence of anhydrous potassium carbonate, (B) reacting the product 4, 17a-di(2-hydroxyethyl)-4, 17a-diaza-D-homo-5 α -androstane of formula (2)

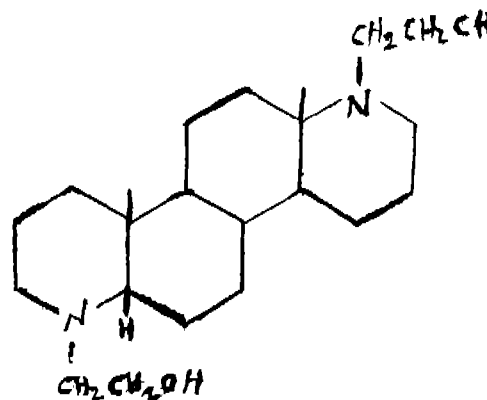


Fig. 2

with thionyl chloride, and (C) liberating 4, 17a-di(2-chloroethyl)-4, 17a-diaza-D-homo-5 α -androstane of the formula (4) by treating 4, 17a-di(2-chloroethyl)-4, 17a-diaza-D-homo-5 α -androstane dihydro-chloride of the formula (3)

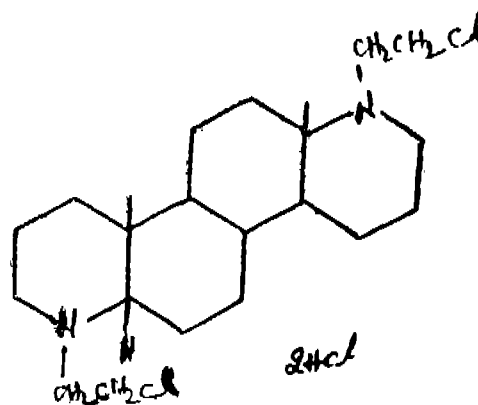


Fig. 3

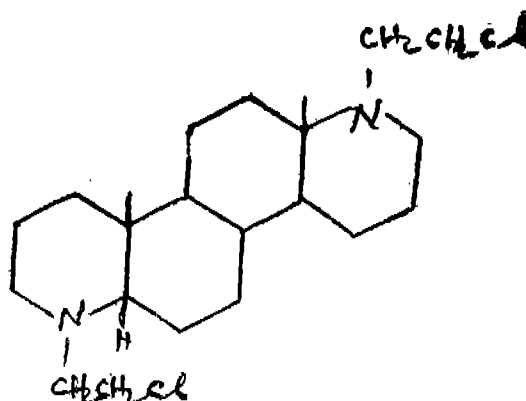


Fig. 4

with sodium carbonate solution.

(Compl. Specn. 4 Pages. Drg. 1 Sheet.)

CLASS-163D. 151300.

Int. Cl. F 01 b 13/00.

AXIAL FLOWING MULTIPLE PURPOSE FLOW EQUIPMENT.

Applicants : ORSZAGOS KOOLAJ ES GAZIPARI TROSZT, OF 55, SZENT ISTVAN KORUT, BUDAPEST V, HUNGARY.

Inventors : (1) LAJOS NATKAI, (2) ELEK UJFALUSI.

Application No. 1387/Cal/78 filed December 28, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

-5 Claims.

Axial flowing multiple-purpose flow equipment, which operates on the principle of the volumetric displacement and can be utilized as motor, machine or flow-meter, characterized in, that the equipment has an internal helicoidal chamber/2/ with constant or variable pitch and an external helicoidal spindle/4/, with deviating pitch in relation to the chamber, which spindle is closed on the internal helicoidal surface of the chamber with slot or without slot, the section of which is limited from the internal envelope of the surface, which is arised from the relative movement by the section of the chamber being on the same level, and the spindle /4/ is positively coupled to the chamber and the chamber shows the same direction of rotation as the spindle however this rotation has angular velocity deviating from that of the spindle.

(Compl. Specn. 12 Pages. Drg. 3 Sheets.)

CLASS-33A. 151301.

Int. Cl. B 22 d 35/00.

NOZZLES FOR USE IN STRIP CASTING.

Applicants : SWISS ALUMINIUM LTD., OF CHIPPIS (CANTON OF VALAIS), SWITZERLAND.

Inventors : (1) ERNST HUBER, (2) WOLFHART RIEGER, (3) MARTIN BOLLIGER.

Application No. 125/Cal/79 filed February 12, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

14 Claims.

A nozzle, for feeding the melt during strip casting in caterpillar track type moulds, comprising a plurality of sections which are mounted side by side in a metal frame, are made of a high melting point material as herein described and are hollow and thus define channels for supplying molten metal.

(Compl. Specn. 13 Pages. Drg. 3 Sheets.)

CLASS-14A, & 104F. 151302.

Int. Cl. C 08 C 9/04, H 01 m 3/00.

A CURABLE RUBBER COMPOSITION FOR PRODUCING MICROPOROUS ARTICLES.

Applicants : AMERACE CORPORATION, OF 555 FIFTH AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : (1) BRUCE SAUL GOLDBERG, (2) MAHENDRA SHAH.

Application No. 617/Cal/79 filed June 14, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

4 Claims.

A curable, rubber composition for producing microporous articles of the type herein described comprising as a curable material, a curable rubber, ethylenepropylene rubber, or mixtures of same, and, as a curative therefor, a methacrylate or acrylate of a polyol, and rehydrated silica of 50 to 70% hydration as a micropore former therefor.

(Compl. Specn. 33 Pages. Drg. 2 Sheets.)

CLASS-205H. 151303.

Int. Cl. B 60 b 1/14, 1/04, 25/00, B 60 C 5/00, B 21 d 53/26.

METHOD OF FORMING WHEELS OR PULLEYS AND WHEELS OR PULLEYS THEREBY FORMED.

Applicants & Inventor : HENRY JAMES FENROY GERLAND, OF 25 HALDANE STREET, BEAUMARIS, 3195 VICTORIA, AUSTRALIA.

Application No. 705/Cal/79 filed July 10, 1979.

Convention date 24th July, 1973 (PD 5196) Australia.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

14 Claims.

A method of forming a wheel or pulley comprising the steps of : (a) providing a tyre casing having high tensile strength wires embedded in the beads thereof, (b) inserting a plurality of spoke means which engage said beads and extend radially inwardly of the casing, the length of said spoke means being such as to stretch and deform the wires in said beads to a generally polygonal form, and (c) supporting the radially inner ends of said spoke means in such a manner that said spoke means are held in position by the tension in the wires caused by stretching the beads.

(Compl. Specn. 13 Pages. Drg. 2 Sheets.)

CLASS-271 & 45E. 151304.

Int. Cl. A 47 K 11/00.

PRE-CAST REINFORCED CONCRETE STRUCTURE WITH MULTI-LATRINES.

Applicants : ORISSA CEMENT LIMITED, OF RAJGANGPUR, DIST. SUNDARGARH, ORISSA.

Inventor : UMA NATH RATH.

Application No. 860/Cal/79, filed August 18, 1979.

Patent of Addition to No. 143766 dt. June 21, 1976.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

7 Claims.

Improvement in or modification of the pre-cast reinforced concrete structure described and claimed in Indian Patent Specification No. 143766 wherein the said pre-cast reinforced concrete circular room is radially divided into two or more compartments, each such compartment being provided with a pre-cast reinforced concrete floor and a latrine consisting of a porcelain or cement pan or commode placed on the said floor.

(Compl. Specn. 5 Pages. Drg. 1 Sheet.)

CLASS-11C. 151305.

Int. Cl. A 01 K 67/00.

ARTIFICIAL FEED FOR SILKWORMS.

Applicants : BRIDGESTONE TIRE CO., LTD., OF 10-1, KYOBASHI 1-CHOME, CHOU-KU, TOKYO, JAPAN.

Inventors : (1) YOSHIKATSU HIRABAYASHI, (2) KEISUKE YAMAMOTO, (3) SUMINOBU KURAHASHI, AND (4) FUMIO ODAKA.

Application No. 974/Cal/79 filed September 18, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

11 Claims. No drawing.

An artificial feed for the silkworm containing mulberry leaf powders scenedesmus free from impedimental substances for feeding in an amount of 5.0 — 30% by weight based on

the total amount of the artificial feed, said impedimental substances being removed by a method such as herein described from said scenedesmus before mixing in order to obtain the artificial feed.

(Compl. Specn. 24 Pages. Drg. Nil.)

CLASS-123. 151306.

Int. Cl. C 05 b 11/06.

PROCESS FOR THE PRODUCTION OF HIGH-ANALYSIS WATER-SOLUBLE NITROPHOSPHATE.

Applicants : THE FERTILIZER (PLANNING & DEVELOPMENT) INDIA LIMITED, C.I.F.T. BUILDING, P.O. SINDRI, DHANBAD (BIHAR), INDIA.

Inventors : (1) SRI RASAMOY BANERJEE, (2) DR. RAMESHWARI PRASAD SRIVASTAVA, (3) SRI DINABANDHU SEN, (4) SRI CHANDRESWAR JHA AND (5) DR. SATYENDRA VARMA.

Application No. 905/Cal/79 filed August 29, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

10 Claims.

A process for the preparation of high analysis water soluble nitro-phosphate which comprises digesting rock phosphate in nitric acid, adding thereto a portion of gypsum wash liquor obtained in the subsequent step in the process to obtain a diluted mass, followed by subjecting the clear liquid obtained after filtering the said diluted mass to reaction with ammonium sulphate followed by removing the precipitated gypsum from the resultant material which gypsum is washed with wash water to obtain a wash liquor useful in the process, thereafter subjecting the filtrate obtained after the removal of gypsum to reaction with urea in the presence of part of gypsum wash liquor obtained in the previous step, concentrating the obtained reaction mass followed by cooling the same to precipitate ammonium nitrate, centrifuging the resultant reaction mass to remove ammonium nitrate, the mother liquor obtained after the removal of the ammonium nitrate crystals being ammoniated with NH_3 to obtain product of grade 25 : 25 having N : P_2O_5 ratio 1 : 1 which is then dried after granulation.

(Compl. Specn. 12 Pages. Drg. 2 Sheets.)

CLASS-172C. 151307.

Int. Cl. D 01 g 19/16.

FLAT BED COMBING MACHINE FOR PREPARATORY TREATMENT OF FIBRES.

Applicants : VEB KOMBINAT TEXTIMA, OF DDR-9010 KARL-MARX-STADT, ALTCHERNITZER, STRASSE 46, GERMAN DEMOCRATIC REPUBLIC.

Inventors : (1) MANFRED WELKER AND (2) HANS JOACHIM SCHOLZ.

Application No. 1189/Cal/79 filed November 15, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

4 Claims.

Flat-bed combing machine for preparatory treatment of fibres in which the rows of needles are rigidly arranged on the revolving comb and the nippers driven by means of a link-rod power-transmission is fixed on a suspended swing-arm characterised in that the distance between the centre of rotation of the revolving comb and the centre of rotation of the suspended swing-arm is smaller than the sum of the maximum radius of the tips of the needles in relation to the centre of rotation of said revolving comb, the minimum gap between the mouth of the nippers and the tips of the said needles and the radius of the mouth of the nippers in relation to the centre of rotation of the suspended swing-arm and that the radius of the tips of the needles in relation to the centre of rotation of the revolving comb of the rows of needles lying side by side initially decreases and thereafter

increases again against the rotational direction of the revolving comb.

(Compl. Specn. 10 Pages. Drg. 2 Sheets.)

CLASS-32F₃(a). 151308.

Int. Cl. C 07 C 69/14.

IMPROVEMENTS IN OR RELATING TO PROCESS OF MANUFACTURE OF 2-ETHYL HEXYL ACETATE.

Applicants : UNION CARBIDE INDIA LIMITED, OF 1, MIDDLETON STREET, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventors : (1) KAILASH CHANDRA SAH AND (2) RATHINDRA BASU ROY CHOUDHURY.

Application No. 1351/Cal/70 filed December 28, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

4 Claims. No drawing.

A process for the manufacture of 2-ethyl hexyl acetate wherein acid and 2-ethyl hexanol are reacted in the presence of a catalyst, sulphuric acid or butyl titanate, with the application of heat, characterised in that an entrainer benzene or butyl acetate is added to the reaction mixture, for removing water of reaction, at temperature as herein before described.

(Compl. Specn. 6 Pages. Drg. Nil.)

CLASS-129H & 136H. 151309.

Int. Cl. B 21 j 1/04.

A MECHANICAL PRESS.

Applicants : DANLY MACHINE CORPORATION, OF 2100 SOUTH LARAMIE AVENUE CHICAGO, ILLINOIS 60650 U.S.A.

Inventor : FRANCIS E. HEIBERGER.

Application No. 166/Cal/80 filed February 13, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims.

A mechanical press having a slide, a die set including the elements of a die punch attached to the slide and a die shoe, a counterbalance cylinder pressurized to support the slide and the die punch, and means for adjusting the counterbalance cylinder pressure in response to an electrical signal, wherein a plug is attached to an element of the die set, the plug having a portion bearing a readable digital code indicative of the weight of the die punch in the die set, the readable digital code borne by the plug being of a selected parity, including a parity bit if necessary; and, means are provided for converting said readable digital code on the plug to an electrical signal upon said code, said electrical signal being utilized by the adjusting means for the counterbalance cylinder.

(Compl. Specn. 15 Pages. Drg. 1 Sheet.)

CLASS-32F₃(a). 151310.

Int. Cl. C 13 K 9/00.

METHOD FOR PRODUCING FRUCTOSE AND FRUCTOSE SYRUPS.

Applicants : E.N.I. ENTE NAZIONALE I DROCARBURI, OF PIAZZALE E. MATTEI 1, ROME, ITALY.

Inventors : (1) ROBERTO OLIVIERI, (2) EUGENIO FASCETTI, (3) LEONELIO ANGFLINI, (4) LUDWIG DEGEN.

Application No. 172/Cal/80 filed February 15, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims. No drawing.

A method for producing fructose and fructose containing syrups comprising contacting a glucose-containing syrup with a culture of isomerizing microorganisms selected from the group of the genus *Agrobacterium* and identified by the symbols NRRL B 11291 and NRRL B 11394 at a temperature between 20°C and 40°C for a time of from 10 to 48 hours at a pH of from 5.5 to 8.5.

(Compl. Specn. 12 Pages. Drg. Nil.)

CLASS-76B.

151311.

Int. Cl. F 16 I 15/00.

HOSE CLIP.

Applicant & Inventor : TORUN BOSE, OF 10/1, MEHER LASKAR LANE, CALCUTTA-700 017, INDIA.

Application No. 645/Cal/80 filed May 31, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

9 Claims.

A Hose Clip of the kind described comprising a metal spring wire and the like formed into a loop substantially in the middle of the length of spring, both the free ends of the said spring bent at about 90° and each end coiled separately into at least one circular loop, the said two loops are coplanar to each other and their ultimate free ends are further formed into separate loop in reversed direction and bend transversely above the mid point of the said first loop at the middle of the spring; an elongated fixing plate of hard material with a substantially central threaded aperture and two lateral holes which are substantially at the corner of the elongated side and the said lateral holes being adapted to engage the slightly bent ultimate free ends of the said spring; a screw of hard material is engaged in the said threaded central aperture of the fixing plate and a washer of hard material is placed at the other side of the threaded aperture of the fixing plate on the smooth end of lower diameter just below the bottom thread of the said screw such that the washer is firmly engaged by the said middle loop of the spring during the rotation of the screw.

(Compl. Specn. 5 Pages. Drg. 3 Sheets.)

CLASS-127A.

151312.

Int. Cl. F 16 d 67/00.

COAXIAL SPRING DAMPER DRIVE.

Applicants : DANA CORPORATION, OF 4500 DORR STREET, TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventors : (1) WILLIAM G. HILDEBRAND, (2) JAMES K. TARTLTON.

Application No. 705/Cal/80 filed June 18, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

8 Claims.

A torque transmitting device comprising : a rotatable drive member, a rotatable driven member adapted for limited rotation relative to said drive member, a main and auxiliary cover secured to one of said drive and driven members for rotation therewith, means defining at least one opening in each of said drive member or driven member and said main and auxiliary covers, each of said openings being aligned with the other and having spaced side walls, resilient means in said openings for resiliently and drivingly connecting said driven members, and resilient means comprising a first resilient member and a second resilient member disposed within said first resilient member, said first resilient member having end portions in driving engagement with said side walls in one of said drive member, said driven member and said auxiliary cover openings, and said second resilient member having end portions in driving connection with said auxiliary cover opening side walls.

(Compl. Specn. 12 Pages. Drg. 3 Sheets.)

CLASS-32F₂(a) & 55D₁.

151313.

Int. Cl. C 07 C 103/00; A 01 n 9/00.

PROCESS FOR PREPARING 2-AMINO-3-BENZOYL-PHENYLACETAMIDES AND CYCLIC HOMOLOGUES.

Applicants : A.H. ROBINS COMPANY, INC., OF 1407 CUMMINGS DRIVE, RICHMOND, VIRGINIA 23220, UNITED STATES OF AMERICA.

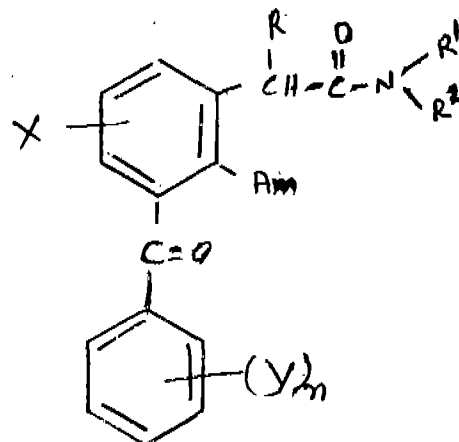
Inventors : (1) JAMES ROBERT SHANKLIN, JR., (2) DWIGHT ALLEN SHAMBLER, AND (3) DAVID ALLAN WALSH.

Application No. 1092/Cal/80 filed September 26, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

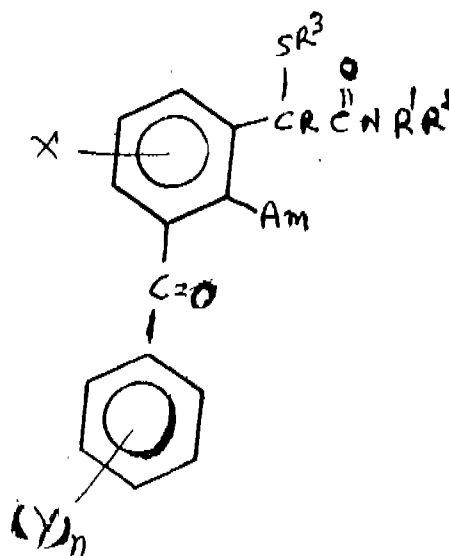
15 Claims.

A process for preparing a compound having the formula I.



Formula I

wherein R is hydrogen or lower alkyl, R¹ and R² are selected from hydrogen, lower alkyl, cycloalkyl, phenyl and phenyl substituted by lower alkyl, lower alkoxy, halogen, nitro and trifluoromethyl, or R¹ and R² when taken together, with the adjacent nitrogen form a heterocyclic residue, X is hydrogen, lower alkyl, lower alkoxy, halogen, or trifluoromethyl, Y is hydrogen, lower alkyl, lower alkoxy, halogen or trifluoromethyl, Am is a primary amino (-NH₂), methylamino or dimethylamino, and n is 1-3 inclusive which process comprises : reducing in a manner such as herein described a compound of formula II.



Formula II

wherein R¹ is phenyl or lower alkyl.

(Compl. Specn. 26 Pages. Drg. 1 Sheet.)

CLASS-70B.

151314.

Int. Cl. B 01 k 3/02.

AN END ELECTRODE ASSEMBLY FOR AN ELECTROLYTIC CELL.

Applicants : DIAMOND SHAMROCK CORPORATION, OF 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, UNITED STATES OF AMERICA.

Inventors : (1) GERALD REUBEN POHTO, (2) MICHAEL JOSEPH KUBRIN, (3) ROBERT CARL SUTTER.

Application No. 674/Cal/81 filed June 22, 1981.

Convention date 23rd August, 1977 (28142/77) Australia.

Division of application No. 1576/Cal/77 filed 2nd Nov. 1977.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims.

An end electrode assembly for an electrolytic cell, comprising an electrode element connected to the central depression of a pan having a peripheral flange, atleast two current distributors, for supplying electrical energy to the electrode element, being electrically and mechanically attached to the electrode element and extending to the exterior of the pan and at least one access port being in the pan for adding materials to or removing them from the interior of the pan.

(Compl. Specn. 23 Pages. Drg. 5 Sheets.)

CLASS-70B.

151315.

Int. Cl. B 01 k 3/02.

A CENTRAL ELECTRODE ASSEMBLY FOR AN ELECTROLYTIC CELL.

Applicants : DIAMOND SHAMROCK CORPORATION, OF 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, UNITED STATES OF AMERICA.

Inventors : (1) GERALD REUBEN POHTO, (2) MICHAEL JOSEPH KUBRIN, AND (3) ROBERT CARL SUTTER.

Application No. 675/Cal/81 filed June 22, 1981.

Convention date 23rd August, 1977 (28242/77) Australia.

Division of application No. 1576/Cal/77 filed 2nd Nov. 1977.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims.

A central electrode assembly for an electrolytic cell, comprising a frame having a peripheral flange on each side thereof, bifurcated (as defined herein) electrode element secured to the interior of the frame and presenting to each side thereof a substantially planar surface which is substantially coplanar with the peripheral flanges, at least two current distributors located between and electrically and mechanically connected to the bifurcated electrode element surfaces, for supplying electrical energy thereto, the current distributors extending to the interior of the frame, and at least one access port in the frame for adding materials to or removing them from the interior of the frame.

(Compl. Specn. 23 Pages. Drg. 5 Sheets.)

CLASS-140 B 1.

151316.

Int. Cl. C 10m-1/28, 1/34.

LUBRICATING OIL COMPOSITIONS FOR HEAVY DUTY AIR COMPRESSORS.

Applicants : INDIAN OIL CORPORATION LTD., 254-C, DR. ANNIE BESANT ROAD, PRABHADEVI, BOMBAY-400 025.

Inventors : 1. DR. SOM PRAKASH SRIVASTAVA,
2. DR. ALAPATI MADHUSUDHANA RAO,
3. DR. GOLETI JAYARAMA RAO,
4. DR. JOGINDER SINGH AHLUWALIA.

Application No. 297/BOM/1979 filed October 26, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

8 Claims.

An air compressor oil composition of high oxidation stability, having good water separation property, and lower rate of consumption for lubricating heavy duty air compressors; comprising of 96-99% of solvent extracted, dewaxed and hydrofinished mineral lubricating oil having high viscosity index, 0.1 to 0.5 of an N-N' dialkylated p-phenylene diamino and 0.5 to 3% of polyisobutylene of average molecular weight not exceeding 100,000 and one or two conventional additives such as alkenyl succinic acid ester or a metal sulfonate, a rust inhibitor and alkyl methacrylate polymer, a pour point depressant; all percentages expressed above being by weight to the total weight of the formulation.

(Compl. Specn. 13 Pages. Drg. Sheet Nil.)

CLASS-32F 3a + 170D.

151317.

Int. Cl. C 07 C 139/00, 143/00.

Title : PROCESS FOR THE MANUFACTURE OF WATER SOLUBLE ALKALI METAL SALTS OF α -SULPHONATED ALKYL ESTERS OF LONG CHAIN FATTY ACIDS.

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-20, MAHARASHTRA, INDIA.

Inventors : (1) NAGANATHAN VISWANATH BRINGI
(2) BISHNU PADA SEN (3) KRISHNA SWAMY SATYANARAYAN (4) SHRINATH SESHGIRI KALBAG.

Application No. 312/BOM/1979 filed November 8, 1979.

Complete Specification after provisional left on Jan. 29, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

7 Claims.

A process for the manufacture of water soluble alkali metal salts of alpha-sulphonated alkyl (C_1-C_4) esters of long chain ($C_{10}-C_{14}$) monocarboxylic acid comprising the steps of

- (i) subjecting unsaturated fat/oil feed-stock such as herein described to alcoholysis with C_1 to C_4 alcohol in a known manner to obtain corresponding alkyl (C_1 to C_4) esters.
- (ii) hydrogenating to said esters obtained in step (i) in a known manner to obtain hydrogenated esters having an iodine value of below 2.
- (iii) alpha sulphonating hydrogenated esters of step (ii) above with known sulphonating agents to obtain corresponding alpha-sulphonic acids and

- (iv) neutralising the so obtained alpha-sulphonic acids of step (iii) with an alkali in a known manner and wherein, if desired, the said alpha-sulphonic acids are subjected to bleaching in a known manner either before or during said neutralisation.

Prov. Specification 8 Pages. No drawing.

(Compl. Specn. 10 Pages. No drawing.)

CLASS-14D1.

151318.

Int. Cl. B 01K—1/00, H 01m—1/08, 43/00

"ALKALINE ELECTROCHEMICAL CELL".

Applicants : DURACELL INTERNATIONAL INC, (FORMERLY P.R. MALLORY & CO. INC) 3029 EAST WASHINGTON STREET, INDIANAPOLIS, INDIANA, UNITED STATES OF AMERICA.

Inventors : 1. FRANCISZEK JOSEPH PRZYBYLA,
2. ELEANOR JOSEPHINE ROSSLER.

Application No. 320/BOM/1979 filed November 15, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

4 Claims.

An alkaline electrochemical cell having a cathode, an anode and at least one electrolyte carrying separator disposed between said cathode and said anode, the combination being retained in a conductive container having a positive terminal electrically associated with said cathode and a negative terminal electrically associated with said anode, said terminals being electrically insulated from each other, said anode being predominantly zinc; characterised in that said cell having a surfactant which is an organic phosphate ester of the ethylene oxide adduct type such as herein described in an amount of from 0.001% to 5% by weight of the zinc component of said cell.

(Compl. Specn. 13 Pages. Drg. Nil.)

CLASS-14D₂.

151319.

Int. Cl. B01k-1/00, H01m/17/00, 29/00.

ELECTROCHEMICAL CELLS CONTAINING FLUID DEPOLARIZERS.

Applicants : DURACELL INTERNATIONAL INC., (FORMERLY P.R. MALLORY & CO. INC) 3029 EAST WASHINGTON STREET, INDIANAPOLIS, INDIANA, UNITED STATE OF AMERICA.

Inventor : ARABINDA NAHARAYAN DEY.

Application No. 321/BOM/79 filed Nov. 15, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

8 Claims.

An electrochemical cell comprising an active metal anode selected from the group consisting of lithium, sodium, potassium, beryllium, magnesium, calcium and aluminium electrically connected to a terminal therefor, and an in active conductive cathode, with said anode and cathode having surface thereof respectively which face each other, a fluid depolarizer/electrolyte solvent selected from the group consisting of inorganic oxyhalides, inorganic thiohalides, nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and sulfur trioxide (SO₃) with an electrolyte salt dissolved therein with said anode and cathode being immersed in said fluid depolarizer, characterized in that said active metal anode and said fluid depolarizer/electrolyte solvent are each present in excess of the dischargeable capacity of said cell, with said excess active metal anode being of an amount sufficient such that a surface thereof remains substantially facing said initially facing surface of said cathode, with said excess active metal anode remaining electrically connected to said terminal; and said excess fluid depolarizer/

electrolyte solvent being of an amount sufficient to substantially wet said excess anode and said cathode, whereby current may be conducted therethrough without heat concentration within said cell, and wherein said excess fluid depolarizer/electrolyte solvent contains sufficient electrolyte salt dissolved therein whereby said fluid depolarizer with dissolved salt, retains a conductivity sufficiently high such that current may be carried there through without resistance heat buildup.

(Compl. Specn. 16 Pages. Drawing Nil.)

CLASS-136F, 27C.

151320.

Int. B 28 b 7/22.

A MULTIMOULD FOR SIMULTANEOUSLY MANUFACTURING A PLURALITY OF PRECAST BUILDING COMPONENTS THE REINFORCEMENT RODS OR WIRES WHEREOF ARE SELECTIVELY EXPOSED AT PREDETERMINED PLACES.

Applicant & Inventor : PADMANNA JAMBU CHAUGULE, BLOCK NO. 11, P.O. RATNAPPA KUMBHAR NAGAR, ICHALKARANJI, DIST. KOLHAPUR, MAHARASHTRA, INDIA.

Application No. 330/BOM/1979 filed Nov. 22, 1979.

Complete after provisional left on Nov. 25, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

11 Claims.

A multimould for simultaneously manufacturing a plurality of precast building components the reinforcement rods or wires whereof are selectively exposed at predetermined places, the said multimould comprising a detachable framework partitioned into a plurality of moulds by removable partition members supported in the said framework, atleast one mechanical vibrator detachably connected to the said partition members and two walls of the said framework parallel to the said partition members and means for selectively holding and exposing the reinforcement rods or wires of the said building components at predetermined places.

Complete Specification 5 Pages. Drawing Sheet 2.

Provisional Specification 5 Pages. Drawing Sheet Nil.

Ind. Cl. 194 C6.

151321.

Int. Cl. H 05 b 41/00.

Title : FLUORESCENT LAMP CIRCUIT ARRANGEMENTS.

Applicant : THE GENERAL ELECTRIC COMPANY LIMITED, 1 STANHOPE GATE, LONDON W1A 1EH, ENGLAND.

Inventor : JOHN BRITTON.

Application No. 346/BOM/1979 filed Dec. 10, 1979.

Convention date : December 12, 1978 (48069/78) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

1 Claim.

A fluorescent lamp circuit arrangement comprising a controllable electronic switching device connected across the lamp to provide a path for the passage of current from an alternating current power supply through an electrode heating means of the lamp when the switching device is conducting; and a gating circuit connected across the lamp and to the switching device to control the conduction of the switching device in dependence of the value of the voltage developed across the lamp when the alternating current supply is connected to the lamp circuit whereby the switching device is switched on during an initial period by the gating circuit so as to produce conditions for ignition in the lamp during the initial period and is held non-conductive when the lamp has ignited, the gating circuit including a resistance which is heated in operation of the lamp circuit by current passing through itself and/or by heat produced due to passage of current through one or

more components of the said arrangement such as in the switching device or the gating circuit, said resistance having a positive temperature co-efficient and being connected in a path for the supply of current to a control electrode of the switching device so that, if the lamp fails to ignite, the value of said resistance assumes a sufficiently high value to prevent reliable operation of the switching device and thereby to maintain the mean current supplied to said heating means at a reduced value.

(Compl. Specn. 9 Pages. Drawing Sheet 1.)

CLASS-170B + D. 151322.

Int. Cl. C 11d-1/02 + 1/66 + 3/00.

LIQUID DUTY DISHWASHING LIQUID DETERGENT COMPOSITIONS.

Applicants : HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE 165-166 BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA INDIA.

Inventors : 1. MICHAEL PAUL ARONSON 2. EDILIA A LARRAURI AND 3. ZAHERA J. HUSSAIN.

Application No. 9/BOM/1980 filed Jan. 18, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

11 Claims.

A light duty, hand dishwashing, liquid detergent composition comprising (a) from 2% to 50% by weight of an anionic surfactant or non ionic surfactant or mixtures thereof; (b) from 0.1% to 10% by weight of a copolymer of N-vinylpyrrolidone and dimethylamino-ethylmethacrylate having a molecular weight from 40,000 to 1,500,000 or mixtures of such copolymers; and (c) from 0.5% to 5% by weight of an alkali metal salt of casein, the percentages being based on the total weight of the composition.

(Compl. Specn. 24 Pages. Drawing sheets Nil.)

CLASS-35F + 198B. 151323.

Int. Cl. B03d-1/00.

C01b-31/00, 33/00.

C04b-35/00, 41/00.

Title : A METHOD OF BENEFICIATION OF PULVERISED HARD MINERALS AND/OR REFRACTORY MATERIALS CONTAMINATED WITH MAGNETIC TAILINGS SUCH AS MAGNETIC IRON AND/OR IRON OXIDE TRACES.

Applicants : GRINDWELL NORTON LIMITED, AN INDIAN COMPANY DULY REGISTERED UNDER COMPANIES ACT, 1956 AND HAVING ITS REGISTERED OFFICE AT 148, MAHATMA GANDHI ROAD, FORT, BOMBAY-400 023, MAHARASHTRA, INDIA.

Inventors : BHAMIDIPATI BALASUNDER.

Application No. 34/BOM/1980 filed on Feb. 21, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

3 Claims.

A method of beneficiation of pulverised hard minerals/refractory materials such as magnetic iron and/or iron oxide traces having and the a particle size of 100 microns to 0.5 microns by froth flotating technique comprises the steps of :

- (i) adding water, pine oil as frother and long chain amine such as octyl amine, lauryl amine or octadecyl amine as collector in pre-determined proportions to the feed of said pulverised materials contaminated with magnetic iron tailings in a froth flotation cell to obtain a slurry,

- (ii) stirring the slurry for a predetermined period at ambient temperature,

- (iii) aerating the slurry by blowing air from the bottom of the flotation cell to generate froth whereby the contaminants get separated in the froth are removed beneficiated hard minerals/refractory materials of the original feed forming the residue in the flotation cell are recovered, dewatered and dried.

(Compl. Specn. 9 Pages. Drawing Nil.)

CLASS-206E 69B.

151324.

Int. Cl. H04 b 1/00.

A CIRCUIT FOR AUTOMATICALLY SWITCHING OFF POWER SUPPLY TO A RADIO OR TELEVISION WHEN THE TUNED SIGNAL GOES OFF THE AIR OR IS INTERRUPTED AND A RADIO OR TELEVISION HAVING THE SAME.

Applicants : PEICO ELECTRONICS & ELECTRICALS LIMITED OF SHIVSAGAR ESTATE, BLOCK 'A', DR. ANNIE BESANT ROAD, BOMBAY-400 018, MAHARASHTRA, INDIA.

Inventor : KRISHNA TRIMBAKRAO PRATINIDHI.

Application No. : 113/BOM/1980 filed April 25, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

7 Claims.

A circuit for automatically switching off power supply to a radio or television when the tuned signal goes off the air or is interrupted comprising a 2-pole-3-position switch connectable to a power supply source a first semiconductor device input terminal whereof is connected to one of the poles of the said switch, output terminal whereof is connectable to the radio or television circuit and control terminal whereof is connected to the other pole of the said switch, a first resistance one end whereof is connected to the on-position contact of the pole which is connected to the control terminal of the first semiconductor device and the other end whereof is earthed, a second semiconductor device output terminal whereof is connected to the "auto off" position contact of the pole which is connected to the control terminal of the first semiconductor device, and input terminal whereof is earthed, a third semiconductor device output terminal whereof is connected to the control terminal of the second semiconductor device and input terminal whereof is earthed, a second resistance one end whereof is connected to the control terminal of the third semiconductor device and the other end whereof is connectable to a signal sensing circuit and a third resistance one end whereof is connected to the output terminal of the first semiconductor device and the other end whereof is connected to the junction of the control terminal of the second semiconductor device and the output terminal of the third semiconductor device.

(Compl. Specn. 9 Pages. Drawing Sheet 1.)

CLASS-32F1 + 32F2b + 55E4.

151325.

Int. Cl. A61K—27/00 + 007 d-57/00.

A PROCESS FOR THE PREPARATION OF NOVEL PHARMACOLOGICALLY ACTIVE SUBSTITUTED TRI-AZINO (2, 1-a) ISOQUINOLIN-4-ONES.

Applicants : HOECHST PHARMACEUTICALS LTD; HOECHST HOUSE, NARIMAN POINT, 193, BACKBAY RECLAMATION, BOMBAY-400 021, MAHARASHTRA, INDIA.

Inventors : (1) DR. BANSI LAL, (2) ADOLF D'SA, (3) DR. NOEL JOHN DE SOUZA, (4) DR. HORST DORN-AUER.

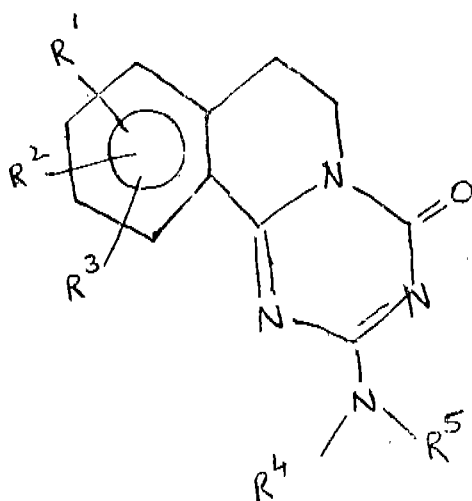
Application No. 114/BOM/1980 filed April 25, 1980.

Complete after provisional specification left on March 26, 1981.

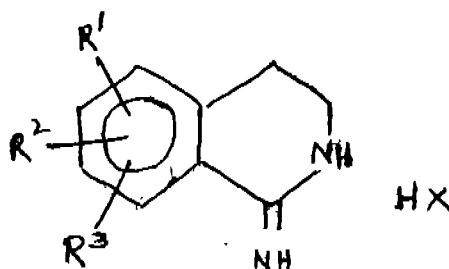
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

5 Claims.

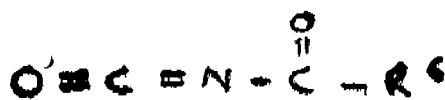
A process for preparing novel pharmacological active substituted.



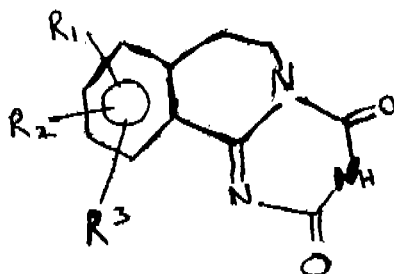
Formula I



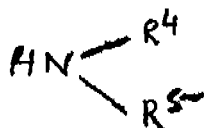
Formula II



Formula III



Formula IV



Formula V

triazine (2, 1-a) isoquinolin-4-ones of the formula I shown in the drawings accompanying the provisional specification, in which each of R^1 , R^2 and R^3 is selected from the group consisting of hydrogen, lower alkoxy, acyloxy or halogen; any two of R^1 , R^2 and R^3 when in adjacent positions and taken together form alkylenedioxy such as methylenedioxy or ethylenedioxy; each of R^4 and R^5 is selected from the group consisting of hydrogen, lower alkoxy, amino, alkylamino, dialkylamino,

acylamino, nitrogen heterocyclic residue, alkyl, cycloalkyl, dialkylaminoalkyl, aralkyl, heterocyclically substituted alkyl or aryl; R^4 and R^5 when taken together with the nitrogen atom to which they are bound form an optionally substituted nitrogen heterocycle possibly containing a further nitrogen or oxygen atom for example piperidino, piperazino and morpholino; and their acid addition salts which comprises reacting a compound of the formula II shown in the drawings accompanying the provisional specification, in which R^1 , R^2 and R^3 are as defined above and X stands for a halogen atom, for example, chlorine, bromine or iodine with a compound of the formula III shown in the drawings accompanying the provisional specification, in which R^4 stands for a leaving group, for example an ethoxy group, in the presence of a base, for example, sodium hydride, and a solvent such as herein described at temperatures ranging from ambient to the boiling point of the solvent, isolating the resulting compound of the formula IV shown in the drawings accompanying the provisional specification, in which R^1 , R^2 and R^3 have the aforementioned meanings in a known manner such as herein described, treating the compound of the said formula IV with phosphorous oxytrichloride, reacting the resulting compound with a compound of the formula V shown in the drawings accompanying the provisional specification, in which R_4 and R_5 have the aforesaid meanings, recovering and purifying the resulting compound of the said formula I in a known manner such as herein described and converting the compound of the said formula I into its acid addition salts in a known manner such as herein described.

(Complete specification 12 Pages. Drawings Nil.)

Provision Specification 9 Pages. Drawing 1 Sheet.

CLASS-65A4 + 68E3.

151326.

Int. Cl. G05 F 5/00.

Title : MAINS OPERATED CURRENT REGULATED HIGH VOLTAGE DC POWER SUPPLY FOR PLASMA TUBE.

Applicants : JYOTI LIMITED, INDUSTRIAL AREA, P.O. CHEMICAL INDUSTRIES, BARODA 390 003, STATE OF GUJARAT, INDIA.

Inventors : 1. CHAUDA DEVJI LAXMAN,
2. DR. GUTAM GUHA SARKAR.

Application No. 125/BOM/1980 filed May 7, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

8 Claims.

A current regulated high voltage DC power supply operated from AC mains for providing striking as well as sustaining voltage to a plasma tube; the power supply is consisted of a transformer to step up the AC mains voltage to the sustaining voltage of plasma in plasma tube; means for rectifying and smoothing the stepped up voltage; means for multiplying, rectified and smoothened sustaining voltage to the striking voltage, means stopping the voltage from multiplying once the plasma tube has been struck and means for regulating the current through the plasma tube.

(Compl. Specn. 8 Pages. Drawing One Sheet.)

CLASS-32F1 + 32F2b + 55E4.

151327.

Int. Cl. A61k-27/00 + C07 d-57/00.

A PROCESS FOR THE PREPARATION OF NOVEL PHARMACOLOGICALLY ACTIVE TRIAZINO (2, 1-a) ISOQUINOLINE DERIVATIVES AND ACID ADDITION SALTS THEREOF.

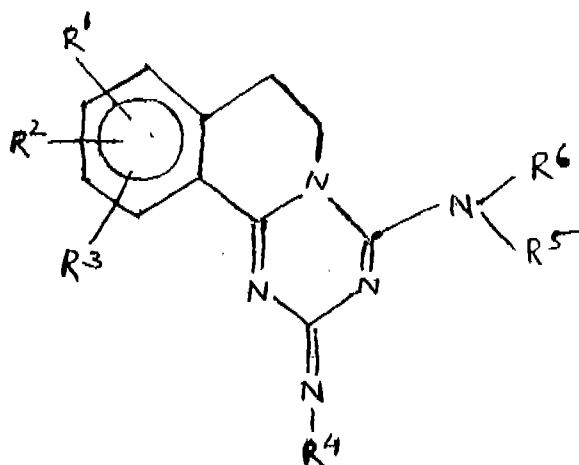
Applicants : HOECHST PHARMACEUTICALS LIMITED OF HOECHST HOUSE NARIMAN POINT 193, BACK-BAY RECLAMATION, BOMBAY-400 021, MAHARASHTRA, INDIA.

Inventors : 1. DR. BANSI LAL 2. ADOLF D'SA 3. DR. NOFL JOHN DESOUZA 4. DR. HORST DORNAUER.

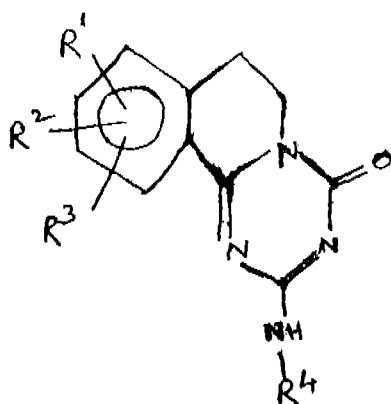
Application No. 132/BOM/1980 filed on May 15, 1980.

Complete specification after provisional left on April 28, 1981.

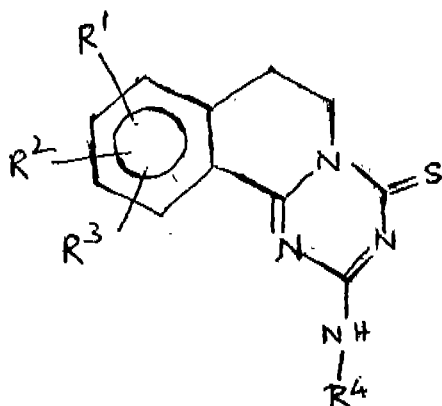
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.



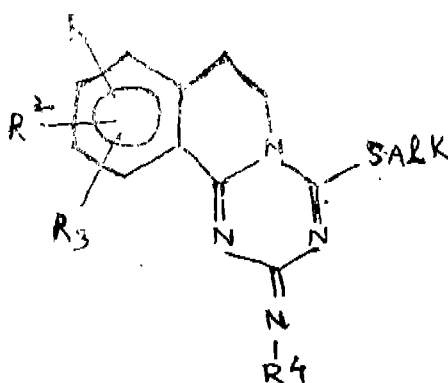
Formula I



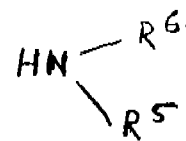
Formula IIa



Formula IIb



Formula III



Formula IV

6 Claims.

A process for the preparation of novel pharmacologically active triazino (2, 1-a) isoquinoline derivatives of the formula I shown in the drawings accompanying the provisional specification, in which each of R^1 , R^2 and R^3 is selected from the group consisting of hydrogen, lower alkoxy, acyloxy or halogen, any two of R^1 , R^2 and R^3 when in adjacent positions and taken together stand for alkylenedioxy, for example, methylenedioxy or ethylenedioxy; each of R^4 , R^5 and R^6 is selected from the group consisting of hydrogen, lower alkoxy, amino, alkylamino, dialkylamino, acylamino, nitrogen heterocyclic residue such as herein described, alkyl, cycloalkyl, dialkylaminoalkyl, aralkyl, heterocyclically substituted alkyl and aryl; R^2 and R^3 when taken together with the nitrogen atom to which they are bound form an optionally substituted nitrogen heterocycle possibly containing an additional heteroatom; and their acid addition salts which process comprises reacting a compound of the formula IIa shown in the drawings accompanying the provisional specification, in which R^1 , R^2 , R^3 and R^4 have the aforementioned meanings, with phosphorous pentasulfide or 2, 4-bis-(4-methoxyphenyl)-1, 3, 2, 4-dithiadiphosphetane-2, 4-dissulfide in the presence of a solvent such as an aromatic hydrocarbon, for example, benzene or dioxane or aprotic polar solvent such as hexamethyl phosphotriamide or diphenyl at a temperature ranging from 50-150°C, separating the resulting compound of the formula IIb shown in the drawings accompanying the provisional specification, in which R^1 , R^2 , R^3 and R^4 are as defined above in a known manner such as herein described, treating the compound of the said formula IIb with an alkyl halide, for example, ethyl iodide, in the presence of a polar solvent such as dimethylformamide, halogenated hydrocarbon, for example, chloroform or in the presence of an aprotic solvent such as tetrahydrofuran, to give a compound of the formula III shown in the drawings accompanying the provisional specification, in which R^1 , R^2 , R^3 and R^4 have the aforementioned meanings and Ak stands for C_1-C_4 alkyl treating the compound of the said formula III with an amine of the formula IV shown in the drawings accompanying the provisional specification, in which R^5 and R^6 have the aforementioned meanings, separating and purifying the resulting compound of the said formula I in a known manner such as herein described and if desired, converting the compound of the said formula I into its acid addition salts such as herein described in a known manner.

Prov. Specn. 10 Pages. Drawings 2 Sheets.

(Compl. Specn. 14 Pages. Drawings Nil.)

Ind. Cl. 981.

151328.

Int. Cl. A 47 j 35/00 F 24j 3/00.

Title : IMPROVEMENTS IN OR RELATING TO SOLAR COOKER.

Applicant & Inventor : PRIYAL KHANDERAO KULKARNI AND VIJAY PRIYAL KULKARNI BOTH OF MOHOR 64/17, ERANDAVANE, PUNE-411 004, MAHARASHTRA, INDIA, BOTH INDIAN CITIZENS.

Application No. 145/BOM/80 filed May 26, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

4 Claims.

A Solar Cooker comprising of a concave reflector made from an asbestos-cement dish moulded to shape, the concave side of the dish pasted with any reflecting material such as back silvered glass or aluminized polyester film, the so formed reflector mounted on a frame with two shaft extensions, these shaft extensions being placed on a trolley with castor-wheels and a pulley rotated with a worm and wormwheel, fitted on the said trolley, with end of rope wound on pulley attached to the reflector frame, the reflector rotated on horizontal axis by winding or unwinding the rope, the said reflector when faced towards the Sun the Sun's rays after reflection concentrate in a small zone where a wind shield is placed on a stand fixed on the reflector, the said wind shield has its four sides closed by any plane sheet and a toughened glass placed at

the bottom of shield to admit reflected focussing rays and a cover on top of the wind shield.

(Compl. Specn. 13 Pages. Drawing 2 Sheets.)

Int. Cl. 2A₂ + B₃.

151329.

Int. Cl. G 09 f 9/00.

Title : AN ADVERTISING APPARATUS CONSISTING OF A MULTI FLAP INDICATOR.

Applicant & Inventor : SATYKANT CHHAGANLAL BULSARA. 338/4, S. V. ROAD, ANDHERI, BOMBAY-400 058, STATE OF MAHARASHTRA, INDIA.

Application No. 231/BOM/80 filed on July 29, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

3 Claims.

An advertising apparatus consisting of a multi-flap indicator consisting of plurality of flaps hinged in holes in between two discs mounted on a central axis, said disc and flap assembly being free to rotate in the vertical plane; the said flaps being spring loaded to maintain the flaps in a tangential position to the said discs said central axis being connected to a prime mover for rotating the flap and disc assembly a message being placed on alternate or adjacent flaps and being viewed on the such adjacent flaps through one or more windows at either end of the display unit.

(Compl. Specn. 6 Pages. Drawings 3 Sheets.)

CLASS-173 A + B.

151330.

Int. Cl. F 23d-11/00.

A LIQUID SULPHUR OUT-FLOW VARIABLE PRESSURE ATOMISED SULPHUR BURNER AND A SULPHUR DIOXIDE GAS GENERATING PLANT HAVING THE SAME.

Applicants : LARSON & TOUBRO LIMITED, L & T HOUSE, BALLARD ESTATE, BOMBAY-400 038, MAHARASHTRA, INDIA.

Inventors KUNDURTI RAVINDRANATH.

Application No. 271/BOM/ 80 filed September 11, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

3 Claims.

A liquid sulphur outflow variable pressure atomised sulphur burner which is a sulphur burner of the kind described having additionally a constriction means provided at the free end of the rod thereof, said constriction means comprising a tip which is parabolic, conical or the like in profile and which when introduced in the orifice of said burner varies the liquid sulphur outflow area of said orifice thereby correspondingly varying the outflow of liquid sulphur through said orifice.

(Compl. Specn. 6 pages. Drgs. 2 Sheets.)

CLASS-206A.

151331.

Int. Cl. H 01 q 7/00.

AN IMPROVED INTERNAL LOOP AERIAL FOR RADIO RECEIVER.

Applicants : PFICO ELECTRONICS & ELECTRICALS LIMITED, SHIVSAGAR ESTATE, BLOCK 'A', DR. ANNIE BESANT ROAD, BOMBAY-400 018, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventors : KRISHNA TRIMBAKRAO PRATINADHI.

Application No. 291/BOM/80 filed September 20, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

2 Claims.

An improved internal loop aerial for radio receiver comprising two or more solid wire conductors spaced apart parallel to one another and housed in and insulated by a flexible dielectric material member.

(Compl. Specn. 6 Pages. Drawing one Sheet.)

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

The complete specification of patent application No. 143021 (earlier numbered as 1978/Ct-1/74) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 24th September, 1977 has been amended under Section 78(3) of the Patents Act, 1970, so as to delete claim 22 of the complete specification.

OPPOSITION PROCEEDINGS

(1)

The application for patent No. 147387 made by Raymond C. Turpin, JR. in respect of which an opposition was entered by M/s. Associated Cement Companies Limited as notified in Part-III, Section 2 of the Gazette of India, dated the 11th October, 1980 has been treated as deemed to have been abandoned.

(2)

An opposition has been entered by M/s. Prav Electrosark Private Limited to the grant of a patent on application No. 150299 made by Hitachi Ltd.

PATENTS SEALED

140840 141549 144181.145877 148911 149884 149963 150058
150101 150109 150110 150126 150128 150134 150135 150149
150151 150152 150153 150173 150177 150178 150181 150189
150193 150202

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS).

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

141874—Bharat Heavy Electricals Limited.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCE OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

139804 (24.01.74) A process for the beneficiation of titaniferous ores to produce titanium dioxide.

144827 (12.10.76) A process for producing sulfur from acid gases.

145788 (15.10.76) Procedure for carrying out ion exchange reactions.

145843 (06.04.77) Process for the separation of n-paraffinic hydrocarbons of carbon range C12-C25 present kerosene and light diesel oil fractions by microbial.

145874 (02.09.77) Preparation of esters of thiocarbamic acids involving use of phase transfer catalysts.

145893 (16.04.77) Process for the production of butyl nitriles.

145899 (17.06.77) Process for the preparation of ammonium vanadate from sludge of alumina.

145950 (17.08.77) Process for the preparation of phenoxy-benzaldehyde.

145951 (04.10.77) Process for regenerating water containing methanol or other water containing highly volatile organic solvent from gases.

145953 (28.05.77) A process for the preparation of DI-2-amino-1-butanol.

145966 (07.07.77) Process of obtaining sodium tripolyphosphate.

145992 (04.07.77) Method of producing polysaccharides.

146022 (23.05.77) A method for preparing vitamin A derivatives.

146057 (19.07.77) Process for obtaining xylan and fibrin from vegetable raw material containing xylan.

146058 (18.02.77) Method for the preparation of novel transient pro-drug forms of xanthine derivatives.

RENEWAL FEES PAID

115298 115982 116106 119701 119702 119957 119965 120052
 120187 120299 120474 120475 120495 120512 120820 125334
 125708 125713 125754 126012 126107 126288 130483 130539
 134753 134773 134783 135013 135181 135182 135246 135603
 137355 138297 138489 138590 139237 139245 139692 139723
 139805 140317 140518 141089 141319 141461 141733 141752
 142022 142065 142386 142436 142752 143648 143741 143978
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 148137 148367 148586 148629 148868 149026 149038 149070
 149087 149399 149662 149685 149718 149728 149729 149757
 149816 149858

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 135747 dated the 18th July, 1972 made by Hunt & Moscrop Limited on the 17th July, 1982 and notified in the Gazette of India, Part-III, Section 2 dated the 30th October, 1982 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 145936 dated the 6th October, 1977 made by Kumar Balram Bhatia & Suresh Balram Bhatia on the 24th September, 1981 and notified in the Gazette of India, Part III, Section 2 dated the 6th March, 1982 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 152320. Arvind Industries, 25 Teynampet Ramasamy Mudali Street, Kondithope, Madras-600 001, Tamil Nadu, India, Indian Nationals. "Grinders". 21st September, 1982.

Class. 1. No. 152259. Press Metal Corporation Limited, (an existing company under the companies act) at M. Vasanji Road, (Andheri Kurla Road) Bombay-400 059, State of Maharashtra, India. "Cable Tray". 3rd September, 1982.

Class. 1. No. 152601. M/s. Suzuki Jidosha Kogyo Kabushiki Kaisha, 300, Kamimura Takatsuka, Hama-nagun, Shizuoka-Ken, Japan, a corporation duly organized and existing under the laws of Japan. "Motorcycle". 16th December, 1982.

Class. 1. No. 152148. Meenu Equipments, an Indian Partnership firm all of Site No. 2, Balaji Nagar, Avarampalayam Road, Pappanaicken-Palayam, Coimbatore-641 018, Tamil Nadu, India; all Indian Nationals. "Floor Cleaning and/or Polishing Machine". 6th August, 1982.

Class. 3. No. 152171. Ojas Plastics, Mavdi Plot, Tanti Road, Rajkot-360 004, (Guj.), all are Indian. "Electronic Gas Lighter". 11th August, 1982.

Class. 3. No. 152166. Futura Poly Containers, 16, Khetan Bhavan, 198J, Tata Road, Bombay-400 020 Maha-

rashtia, India, An Indian Company/Organisation. "Feeding Bottle Cap, Tumbler and Juice Sucker". 9th August, 1982.

Class. 3. No. 152165. Futura Poly Containers Prop : Mustang Mouldings Pvt. Ltd. 16, Khetan Bhavan, 198, J. Tata Road, Bombay-400 020, Maharashtra, India, An Indian Company. "Baby Feeding Bottles". 9th August, 1982.

Class. 3. No. 152319. Arvind Industries, 25 Teynampet Ramasamy Mudali Street, Kondithope, Madras-600 001, Tamil Nadu, India, Indian Nationals. "Grinders". 21st September, 1982.

Class. 3. No. 152149. Meenu Equipments, an Indian Partnership firm all of Site No. 2, Balaji Nagar, Avarampalayam Road, Pappanaicken-Palayam, Coimbatore-641 018, Tamil Nadu, India; all Indian Nationals. "Floor Cleaning and/or Polishing Machine". 6th August, 1982.

Class. 4. No. 152150. Meenu Equipments, an Indian Partnership firm all of Site No. 2, Balaji Nagar, Avarampalayam Road, Pappanaicken-Palayam, Coimbatore-641 018, Tamil Nadu, India; all Indian Nationals. "Floor Cleaning and/or Polishing Machine". 6th August, 1982.

Class. 5. No. 152606. I T C Limited, a Company incorporated in India under the Indian Companies Act, 1882 whose Registered Office is situated at 37 Chowringhee Road, Calcutta, in the State of West Bengal. "Match Boxes". 20th December, 1982.

Class. 5. No. 152605. I T C Limited, a Company incorporated in India under the Indian Companies Act, 1882 whose Registered Office is situated at 37 Chowringhee Road, Calcutta, in the State of West Bengal. "Match Boxes". 20th December, 1982.

Class. 12. No. 152121. The Wellcome Foundation Limited of 183-193 Euston Road, London, NW1 2BP, England, a Company incorporated in England. "Pharmaceutical Tablet". Priority date is 27th January, 1982. (U.K.).

Class. 12. No. 152122. The Wellcome Foundation Limited of 183-193 Euston Road, London, NW1 2BP, England, a Company incorporated in England. "Pharmaceutical Tablet". Priority date is 27th January, 1982. (U.K.).

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 Controller General of Patents,
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